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CE11295N

1/11

**PCT REQUEST**

Paper Copy (NOT for submission)

|       |   |  |
|-------|---|--|
| 0     | For receiving Office use only   |  |
| 0-1   | International Application No.   |  |
| 0-2   | International Filing Date   |  |
| 0-3   | Name of receiving Office and "PCT International Application"  |  |
| 0-4   | Form - PCT/RO/101 PCT Request   |  |
| 0-4-1 | Prepared Using  | PCT Online Filing<br>Version 3.50 (Build 0001.159)   |
| 0-5   | Petition<br>The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty |  |
| 0-6   | Receiving Office (specified by the applicant)   | European Patent Office (EPO) (RO/EP)   |
| 0-7   | Applicant's or agent's file reference   | CE11295N   |
| I     | Title of Invention  | METHOD AND APPARATUS FOR CONTROLLING<br>ACCESS TO A MULTIMEDIA BROADCAST<br>MULTICAST SERVICE IN A PACKET DATA<br>COMMUNICATION SYSTEM |
| II    | Applicant   |  |
| II-1  | This person is:   | applicant only   |
| II-2  | Applicant for   | all designated States except US  |
| II-4  | Name:   | MOTOROLA INC   |
| II-5  | Address:  | 1303 E.Algonquin Road<br>Schaumburg, Illinois 60196<br>United States of America  |
| II-6  | State of nationality  | US   |
| II-7  | State of residence  | US   |
| II-8  | Telephone No.   | 01256 790392   |
| II-9  | Facsimile No.   | 01256 811319   |
| II-10 | e-mail  | derek.mccormack@motorola.com   |
| II-11 | Applicant's registration No. with the Office  | 33341892   |

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|              |                                  |   |
|--------------|----------------------------------|---|
| <b>III-1</b> | <b>Applicant and/or inventor</b> |   |
| III-1-1      | This person is:                  | applicant and inventor  |
| III-1-2      | Applicant for                    | US only   |
| III-1-4      | Name (LAST, First)               | CAI, Zhijun   |
| III-1-5      | Address:                         | 6264 Glenview Drive #262<br>N Richland Hills, Texas 76180<br>United States of America |
| III-1-6      | State of nationality             | US  |
| III-1-7      | State of residence               | US  |
| <b>III-2</b> | <b>Applicant and/or inventor</b> |   |
| III-2-1      | This person is:                  | applicant and inventor  |
| III-2-2      | Applicant for                    | US only   |
| III-2-4      | Name (LAST, First)               | AL-BAKRI, Ban   |
| III-2-5      | Address:                         | 77 Boulevard Francis Meilland<br>06160 Juan Les Pins<br>France                        |
| III-2-6      | State of nationality             | FR  |
| III-2-7      | State of residence               | FR  |
| <b>III-3</b> | <b>Applicant and/or inventor</b> |   |
| III-3-1      | This person is:                  | applicant and inventor  |
| III-3-2      | Applicant for                    | US only   |
| III-3-4      | Name (LAST, First)               | BURBRIDGE, Richard  |
| III-3-5      | Address:                         | 11 Ravenscroft<br>Hook<br>Hampshire<br>RG27 9NP<br>United Kingdom                     |
| III-3-6      | State of nationality             | GB  |
| III-3-7      | State of residence               | GB  |

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|        |   |  |
|--------|---|--|
| IV-1   | <b>Agent or common representative; or address for correspondence</b><br>The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:  | <b>agent</b>   |
| IV-1-1 | Name (LAST, First)  | <b>MCCORMACK,, Derek J.</b>  |
| IV-1-2 | Address:  | <b>Motorola European Intellectual Property Operations<br/>Midpoint, Alencon Link<br/>Basingstoke<br/>Hampshire<br/>RG21 7PL<br/>United Kingdom</b> |
| IV-1-3 | Telephone No.   | <b>+44 1256 790 392</b>  |
| IV-1-4 | Facsimile No.   | <b>+44 1256 811319</b>   |
| IV-1-5 | e-mail  | <b>derek.mccormack@motorola.com</b>  |
| V      | <b>DESIGNATIONS</b>   |  |
| V-1    | <b>The filing of this request constitutes under Rule 4.9(a), the designation of all Contracting States bound by the PCT on the International filing date, for the grant of every kind of protection available and, where applicable, for the grant of both regional and national patents.</b> |  |
| VI-1   | <b>Priority claim of earlier regional application</b>   |  |
| VI-1-1 | Filing date   | <b>09 May 2003 (09.05.2003)</b>  |
| VI-1-2 | Number  | <b>03291106.7</b>  |
| VI-1-3 | Regional Office   | <b>EP</b>  |
| VI-2   | <b>Priority document request</b><br>The receiving Office is requested to prepare and transmit to the International Bureau a certified copy of the earlier application(s) identified above as item(s):   | <b>VI-1</b>  |
| VII-1  | <b>International Searching Authority Chosen</b>   | <b>European Patent Office (EPO) (ISA/EP)</b>   |

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| <b>VIII</b> | <b>Declarations</b>  | <b>Number of declarations</b> |  |
|-------------|--|-------------------------------|--|
| VIII-1      | Declaration as to the identity of the inventor   | 1                             |  |
| VIII-2      | Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent             | 1                             |  |
| VIII-3      | Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application | 1                             |  |
| VIII-4      | Declaration of inventorship (only for the purposes of the designation of the United States of America)                               | 1                             |  |
| VIII-5      | Declaration as to non-prejudicial disclosures or exceptions to lack of novelty   | -                             |  |

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|----------|--|--|
| VIII-1.1 | <b>Declaration: Identity of the Inventor</b><br>Declaration as to the identity of the inventor (Rules 4.17(I) and 51bis.1(a)(i)) | <b>in relation to this international application</b>   |
|          | Name (LAST, First)<br>Address:   | CAI, ZhiJun of<br>6264 Glenview Drive #262<br>N Richland Hills, Texas 76180<br>United States of America<br>is the inventor of the subject matter<br>for which protection is sought by way of<br>this international application |
|          | Name (LAST, First)<br>Address:   | AL-BAKRI, Ban of<br>77 Boulevard Francis Meilland<br>06160 Juan Les Pins<br>France<br>is the inventor of the subject matter<br>for which protection is sought by way of<br>this international application                      |
|          | Name (LAST, First)<br>Address:   | BURBRIDGE, Richard of<br>11 Ravenscroft<br>Hook<br>Hampshire<br>RG27 9NP<br>United Kingdom<br>is the inventor of the subject matter<br>for which protection is sought by way of<br>this international application              |
|          | This declaration is made for the purposes of:  | all designations except the designation<br>of the United States of America   |

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|-------------|---|--|
| VIII-2-1    | <b>Declaration: Entitlement to apply for and be granted a patent</b><br>Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate:<br>Name (LAST, First) | <b>in relation to this international application</b><br><br><b>MOTOROLA INC is entitled to apply for and be granted a patent by virtue of the following:</b> |
| VIII-2-1(i) |   | <b>MOTOROLA INC is entitled as employer of the inventor, CAI, Zhijun</b>   |
| VIII-2-1(i) |   | <b>MOTOROLA INC is entitled as employer of the inventor, AL-BAKRI, Ban</b>   |
| VIII-2-1(i) |   | <b>MOTOROLA INC is entitled as employer of the inventor, BURBRIDGE, Richard</b>  |
| VIII-2-1(x) | <b>This declaration is made for the purposes of:</b>  | <b>all designations except the designation of the United States of America</b>   |

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|-------------------|--|---|
| VIII-3-1          | <b>Declaration: Entitlement to claim priority</b><br>Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application specified below, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))<br>Name: | <b>in relation to this international application</b><br><br><b>MOTOROLA INC</b><br><b>is entitled to claim priority of earlier application No. 03291106.7 by virtue of the following:</b> |
| VIII-3-1(i)<br>i) |  | <b>MOTOROLA INC is entitled as employer of the inventor, CAI, Zhijun</b>  |
| VIII-3-1(i)<br>i) |  | <b>MOTOROLA INC is entitled as employer of the inventor, AL-BAKRI, Ban</b>  |
| VIII-3-1(i)<br>i) |  | <b>MOTOROLA INC is entitled as employer of the inventor, BURBRIDGE, Richard</b>   |
| VIII-3-1(i)<br>x) | <b>This declaration is made for the purposes of:</b>   | <b>all designations</b>   |

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|------------|--|--|
| VIII-4-1   | <p>Declaration: Inventorship (only for the purposes of the designation of the United States of America)<br/>Declaration of Inventorship (Rules 4.17(iv) and 51bis.1(a)(iv)) for the purposes of the designation of the United States of America:</p> | <p>I hereby declare that I believe I am the original, first and sole (if only one inventor is listed below) or joint (if more than one inventor is listed below) inventor of the subject matter which is claimed and for which a patent is sought.</p> <p>This declaration is directed to the international application of which it forms a part (if filing declaration with application).</p> <p>I hereby declare that my residence, mailing address, and citizenship are as stated next to my name.</p> <p>I hereby state that I have reviewed and understand the contents of the above-identified international application, including the claims of said application. I have identified in the request of said application, in compliance with PCT Rule 4.10, any claim to foreign priority, and I have identified below, under the heading "Prior Applications", by application number, country or Member of the World Trade Organization, day, month, and year of filing, any application for a patent or inventor's certificate filed in a country other than the United States of America, including any PCT international application designating at least one country other than the United States of America, having a filing date before that of the application on which foreign priority is claimed.</p> |
| VIII-4-1-1 | Prior applications:  |  |



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|              |   | <p>I hereby acknowledge the duty to disclose information that is known by me to be material to patentability as defined by 37 C.F.R. § 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the PCT international filing date of the continuation-in-part application.</p> <p>I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.</p> |
| VIII-4-1-1-1 | Name (LAST, First)  | CAI, Zhijun  |
| VIII-4-1-1-2 | Residence:<br>(city and either US State, if applicable, or country)   | N Richland Hills, as   |
| VIII-4-1-1-3 | Mailing address:  | 6264 Glenview Drive #262 N Richland Hills, Te 76180 United States of America   |
| VIII-4-1-1-4 | Citizenship:  | US   |
| VIII-4-1-1-5 | Inventor's Signature:<br>(If not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) | /Zhijun Cai/   |
| VIII-4-1-1-6 | Date:<br>(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the international application)  | 23 April 2004 (23.04.2004)   |

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|--------------|---|---|
| VIII-4-1-2-1 | Name (LAST, First)  | <b>AL-BAKRI, Ban</b>  |
| VIII-4-1-2-2 | Residence:<br>(city and either US State, if applicable, or country)   | <b>Juan Les Pins, France</b>  |
| VIII-4-1-2-3 | Mailing address:  | <b>77 Boulevard Francis Meilland F-06160<br/>Juan Les Pins France</b> |
| VIII-4-1-2-4 | Citizenship:  | <b>FR</b>   |
| VIII-4-1-2-5 | Inventor's Signature:<br>(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) | <b>/Ban Al-Bakri/</b>   |
| VIII-4-1-2-6 | Date<br>(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the International application)   | <b>23 April 2004 (23.04.2004)</b>                                     |
| VIII-4-1-3-1 | Name (LAST, First)  | <b>BURBRIDGE, Richard</b>   |
| VIII-4-1-3-2 | Residence:<br>(city and either US State, if applicable, or country)   | <b>Hook, United Kingdom</b>   |
| VIII-4-1-3-3 | Mailing address:  | <b>11 Ravenscroft Hook, Hampshire RG27 9NP<br/>United Kingdom</b>     |
| VIII-4-1-3-4 | Citizenship:  | <b>GB</b>   |
| VIII-4-1-3-5 | Inventor's Signature:<br>(if not contained in the request, or if declaration is corrected or added under Rule 26ter after the filing of the international application. The signature must be that of the inventor, not that of the agent) | <b>/Richard C Burbidge/</b>   |
| VIII-4-1-3-6 | Date<br>(of signature which is not contained in the request, or of the declaration that is corrected or added under Rule 26ter after the filing of the International application)   | <b>23 April 2004 (23.04.2004)</b>                                     |

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|-----------|--|-----------------------------------|------------------------------------|
| <b>IX</b> | <b>Check list</b>  | <b>number of sheets</b>           | <b>electronic file(s) attached</b> |
| IX-1      | Request (including declaration sheets)                     | 5                                 | ✓                                  |
| IX-2      | Description  | 17                                | -                                  |
| IX-3      | Claims   | 11                                | -                                  |
| IX-4      | Abstract   | 1                                 | -                                  |
| IX-5      | Drawings   | 6                                 | -                                  |
| IX-7      | TOTAL  | 40                                |                                    |
|           | <b>Accompanying Items</b>                                  | <b>paper document(s) attached</b> | <b>electronic file(s) attached</b> |
| IX-8      | Fee calculation sheet                                      | -                                 | ✓                                  |
| IX-17     | PCT-SAFE physical media                                    | -                                 | -                                  |
| IX-19     | Figure of the drawings which should accompany the abstract | 1                                 |                                    |
| IX-20     | Language of filing of the International application        | English                           |                                    |
| X-1       | Signature of applicant, agent or common representative     |                                   |                                    |
| X-1-1     | Name (LAST, First)   |                                   |                                    |
| X-1-2     | Name of signatory  |                                   |                                    |
| X-1-3     | Capacity   |                                   |                                    |

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|        |   |        |
|--------|---|--------|
| 10-1   | Date of actual receipt of the purported international application   |        |
| 10-2   | Drawings:   |        |
| 10-2-1 | Received  |        |
| 10-2-2 | Not received  |        |
| 10-3   | Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application |        |
| 10-4   | Date of timely receipt of the required corrections under PCT Article 11(2)  |        |
| 10-5   | International Searching Authority   | ISA/EP |
| 10-6   | Transmittal of search copy delayed until search fee is paid   |        |

**FOR INTERNATIONAL BUREAU USE ONLY**

|      |  |  |
|------|--|--|
| 11-1 | Date of receipt of the record copy by the International Bureau |  |
|------|--|--|

**PCT (ANNEX - FEE CALCULATION SHEET)**

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(This sheet is not part of and does not count as a sheet of the international application)

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|--------------|---|--|
| <b>0</b>     | <b>For receiving Office use only</b>  |  |
| <b>0-1</b>   | International Application No.   |  |
| <b>0-2</b>   | Date stamp of the receiving Office  |  |
| <b>0-4</b>   | <b>Form PCT/RO/101 (Annex)</b>  |  |
| <b>0-4-1</b> | <b>PCT Fee Calculation Sheet</b>  |  |
|              | Prepared Using  | <b>PCT Online Filing<br/>Version 3.50 (Build 0001.159)</b> |
| <b>0-9</b>   | Applicant's or agent's file reference   | <b>CE11295N</b>  |
| <b>2</b>     | Applicant   | <b>MOTOROLA INC</b>  |
| <b>12</b>    | <b>Calculation of prescribed fees</b>   |  |
|              |   | fee amount/multiplier                                      |
|              |   | Total amounts (EUR)  |
| 12-1         | Transmittal fee T   | 100  |
| 12-2-1       | Search fee S  | 1550   |
| 12-2-2       | International search to be carried out by   | EP   |
| 12-3         | International filing fee (first 30 sheets) i1   | 902  |
| 12-4         | Remaining sheets  | 10   |
| 12-5         | Additional amount (X)   | 10   |
| 12-6         | Total additional amount i2  | 100  |
| 12-7         | i1 + i2 = i   | 1002   |
| 12-12        | Electronic Filing reduction (Image) R   | -129   |
| 12-13        | Total International filing fee (i-R) I  | 873  |
| 12-14        | Fee for priority document   |  |
|              | Number of priority documents requested  | 1  |
| 12-15        | Fee per document (X)  | 30   |
| 12-16        | Total priority document fee: P  | 30   |
| 12-17        | <b>TOTAL FEES PAYABLE (T+S+I+P)</b>   | <b>2553</b>  |
| 12-19        | Mode of payment   | authorization to charge deposit account                    |
| 12-20        | Deposit account instructions  |  |
|              | The receiving Office  | European Patent Office (EPO) (RO/EP)                       |
| 12-20-1      | Authorization to charge the total fees indicated above.   | ✓  |
| 12-20-2      | Authorization to charge any deficiency or credit any overpayment in the total fees indicated above. | ✓  |
| 12-20-3      | Authorization to charge the fee for priority document.  | ✓  |
| 12-21        | Deposit account No.   | 28050071   |
| 12-22        | Date  | 23 April 2004 (23.04.2004)                                 |
| 12-23        | Name and signature  | DEREK J MCCORMACK,<br><br>/Derek J McCormack/              |